

318.5.01 Adjustments

General Provisions 101 through 150.

Section 319—Lime-Fly Ash Soil Construction

319.1 General Description

Specifications for this work will be included elsewhere in the Contract.

Section 325—Stabilized Base Material for Patching

325.1 General Description

This work includes patching with soil-cement construction, cement stabilized graded aggregate construction, or select material stabilized construction. Construct according to the Plans, the Proposal, or as directed by the Engineer.

325.1.01 Definitions

General Provisions 101 through 150.

325.1.02 Related References**A. Standard Specifications**

Section 109—Measurement and Payment

Section 209—Subgrade Construction

Section 301—Soil-Cement Construction

Section 316—Cement Stabilized Graded Aggregate Construction

Section 412—Bituminous Prime

Section 810 – Roadway Materials

B. Referenced Documents

General Provisions 101 through 150.

325.1.03 Submittals

General Provisions 101 through 150.

325.2 Materials

Ensure that materials meet the requirements of the following Specifications:

Material	Section
Soil-Cement Construction	301
Cement Stabilized Graded Aggregate Construction	316
Bituminous Prime	412
Subgrade Construction	209

Ensure that the subgrade stabilizer-select material meets the requirements of Subsection 810.2.01, “Roadway Materials—Class IIB3” or better. Any special gradation will be specified by a Special Provision.

325.2.01 Delivery, Storage, and Handling

General Provisions 101 through 150.

325.3 Construction Requirements

Ensure that all labor, equipment, and materials necessary to ensure a continuous patching operation are on hand before patching begins.

325.3.01 Personnel

General Provisions 101 through 150.

325.3.02 Equipment

Provide all the equipment required for the type of patching used.

A concrete mixer with proper weight and moisture control will be considered as a stationary mixing plant for the production of patching material under this Specification.

325.3.03 Preparation

Prepare stabilized base material areas for patching as follows:

1. Trim the sides of the areas to be patched and leave them vertical. Remove all loose material.
2. Remove unsatisfactory material to the depth shown on the Plans or as directed by the Engineer; remove at least 6 in (150 mm) of material.
3. If unsatisfactory material is below a plane that is 1 ft (300 mm) below the existing surface, undercut the area as necessary.
4. Backfill the area with subgrade stabilizer-select material to 1 ft (300 mm) below the existing surface. Use subgrade that meets the requirements of Section 209.

325.3.04 Fabrication

General Provisions 101 through 150.

325.3.05 Construction

Patch during traffic unless otherwise specified. Follow the requirements of Section 301 unless otherwise stated in this Specification.

Patch stabilized base material areas as follows:

1. Thoroughly compact patches at the optimum moisture to at least 100 percent of the maximum laboratory dry density.
2. Compact to the required degree with a conventional steel wheel, pneumatic tired roller, mechanical tampers, or other devices.
3. Lightly spray or mop each patch with bituminous prime. Sand primed areas subject to traffic as directed by the Engineer.

325.3.06 Quality Acceptance

General Provisions 101 through 150.

325.3.07 Contractor Warranty and Maintenance

Repair or replace damaged or destroyed patch at no additional cost to the Department.

325.4 Measurement

A. Base Material

Base material is measured by the cubic yard (meter), loose volume, as specified in Subsection 109.01, "Measurement and Quantities."

B. Subgrade Stabilizer-Select Material

Subgrade stabilizer-select material is measured by the cubic yard (meter), loose volume, as specified in Subsection 109.01, "Measurement and Quantities."

325.4.01 Limits

General Provisions 101 through 150.

325.5 Payment

A. Base Material

The accepted quantity of base material will be paid for at the Contract Unit Price per cubic yard (meter). This payment will be full compensation for:

- Flagging and directing traffic
- Preparing the patched area
- Furnishing material, including Portland cement and bituminous prime
- Loading, unloading, and hauling material
- Crushing
- Processing
- Mixing
- Spreading
- Watering
- Compacting
- Maintaining material

B. Subgrade Stabilizer-Select Material

Subgrade stabilizer-select material will be paid for at the Contract Unit Price per cubic yard (meter) complete in place and accepted. Payment will be full compensation for:

- Removing and disposing asphalt pavements, base materials, and unsatisfactory subgrades
- Furnishing all material
- Loading, hauling, and unloading material
- Mixing
- Compacting
- Finishing
- Watering

Payment will be made under:

Item No. 325	Soil-cement stabilized base course for patching	Per cubic yard (meter)
Item No. 325	Graded aggregate, cement stabilized base for patching	Per cubic yard (meter)
Item No. 325	Subgrade stabilizer-select material for patching	Per cubic yard (meter)

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Section 326—Portland Cement Concrete Subbase

326.1 General Description

This work includes constructing a subbase composed of a mixture of Portland cement and graded aggregate, or Portland cement, aggregate, and sand. Construct according to these Specifications and to the lines, grades, and typical cross-sections shown on the Plans or established by the Engineer.

Apply the requirements of Section 300 to this work.

326.1.01 Definitions

General Provisions 101 through 150.